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 NEWS  1          Web Page for STN Seminar Schedule - N. America
 NEWS  2  AUG 15  CAOLD to be discontinued on December 31, 2008
 NEWS  3  OCT 07  EPFULL enhanced with full implementation of EPC2000
 NEWS  4  OCT 07  Multiple databases enhanced for more flexible patent
                  number searching
 NEWS  5  OCT 22  Current-awareness alert (SDI) setup and editing
                  enhanced
 NEWS  6  OCT 22  WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT
                  Applications
 NEWS  7  OCT 24  CHEMLIST enhanced with intermediate list of
                  pre-registered REACH substances
 NEWS  8  NOV 21  CAS patent coverage to include exemplified prophetic
                  substances identified in English-, French-, German-,
                  and Japanese-language basic patents from 2004-present
 NEWS  9  NOV 26  MARPAT enhanced with FSORT command
 NEWS 10  NOV 26  MEDLINE year-end processing temporarily halts
                  availability of new fully-indexed citations
 NEWS 11  NOV 26  CHEMSAFE now available on STN Easy
 NEWS 12  NOV 26  Two new SET commands increase convenience of STN
                  searching
 NEWS 13  DEC 01  ChemPort single article sales feature unavailable
 NEWS 14  DEC 12  GBFULL now offers single source for full-text
                  coverage of complete UK patent families

 NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

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FILE 'HOME' ENTERED AT 14:44:32 ON 15 DEC 2008

=> file .meeting
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FULL ESTIMATED COST                                   0.21       0.21

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=> agonist and antagonist and IC50 and ratio
L1            0 FILE AGRICOLA
L2            0 FILE BIOTECHNO
L3            0 FILE CONFSCI
L4            0 FILE HEALSAFE
L5            2 FILE LIFESCI
L6            0 FILE PASCAL

TOTAL FOR ALL FILES
L7            2 AGONIST AND ANTAGONIST AND IC50 AND RATIO

=> d l7 ibib abs total

L7   ANSWER 1 OF 2  LIFESCI    COPYRIGHT 2008 CSA on STN
ACCESSION NUMBER:   86:15032  LIFESCI
TITLE:              Agonist and antagonist actions of
                    buprenorphine on three types of opioid receptor in isolated
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preparations.
AUTHOR: Kajiwara, M.; Aoki, K.; Ishii, K.; Numata, H.; Matsumiya, T.; Oka, T.
CORPORATE SOURCE: Dep. Pharmacol., Sch. Med., Tokai Univ., Isehara 259-11, Japan
SOURCE: JAP. J. PHARMACOL., (1986) vol. 40, no. 1, pp. 95-101.
DOCUMENT TYPE: Journal
FILE SEGMENT: N3
LANGUAGE: English
SUMMARY LANGUAGE: English
AB Both agonist and antagonist actions of buprenorphine on isolated preparations were studied. The K sub(e) (equilibrium dissociation constant) values of both naloxone and Mr 2266 against buprenorphine and the ratio of IC50 (concentration of the drug to produce 50% inhibition of the twitch) value of buprenorphine after to before exposure of mouse vas deferens to beta -FNA (beta -fumaramate methyl ester derivatives of naltrexone), an irreversible mu antagonist, suggest that buprenorphine acts as both a mu and kappa agonist on mouse vas deferens. The agonist effect of buprenorphine at relatively high doses on guinea-pig ileum and mouse vas deferens and the negative agonists effect on both rat and rabbit vas deferens indicate that buprenorphine acts as a partial agonist on isolated preparations.

L7 ANSWER 2 OF 2 LIFESCI COPYRIGHT 2008 CSA on STN
ACCESSION NUMBER: 84:97738 LIFESCI
TITLE: Regulation of opioid antagonist and mu, kappa or delta agonist binding by guanine nucleotide and sodium.
AUTHOR: Ishizuka, Y.; Oka, T.
CORPORATE SOURCE: Dep. Pharmacol., Sch. Med., Tokai Univ., Isehara 259-11, Japan
SOURCE: JAP. J. PHARMACOL., (1984) vol. 36, no. 3, pp. 397-405.
DOCUMENT TYPE: Journal
FILE SEGMENT: N3; M
LANGUAGE: English
SUMMARY LANGUAGE: English
AB Effects of 5'-guanylylimidodiphosphate (Gpp(NH)p) and sodium on the inhibition by various opioids of (super(3)H)-naloxone binding to guinea-pig brain membrane preparations were studied. The ratio of the concentration required to produce a 50% inhibition of (super(3)H)-naloxone binding in the presence of both Gpp(NH)p and sodium to that in the absence of both GPP(NH)p and sodium was less than 1 for antagonits, from 3 to 10 for mixed agonist-antagonists , from 16 to 85 for either kappa, delta, or peptide mu agonists, and more than 200 for morphine-like non-peptide mu agonists. Exceptionally, the IC50 ratio of N,N-diallyl-(D-Ala super(2), D-Leu super(5))-enkephalin, an opioid which had been shown not to have an agonist activity in guinea-pig ileum but to have a naloxone-reversible agonist activity in mouse vas deferens, was less than 1. The significance of the different IC50 ratio among opioids employed in the present study was discussed.

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	12.10	12.31

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